

Phylum **Onychophora** Grube, 1853<sup>1</sup> (4 families<sup>2</sup>, 52 genera, 182 species, 2/3/3<sup>3</sup>)

Family **Peripatidae** Evans, 1901 (11 genera, 73 species<sup>4</sup>, 1/1)

Family **Peripatopsidae** Bouvier, 1907<sup>5</sup> (39 genera, 107 species<sup>6</sup>)

Family †**Succinipatopsidae** Poinar, 2000 (1 genus, 1 species, 1/1)

Family †**Tertiapatidae** Poinar, 2000 (1 genus, 1 species, 1/1)

## References

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1. The title of this contribution should be cited as “Phylum Onychophora Grube, 1853. In: Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness”.
  2. Status of Tertiapatidae and Succinipatopsidae is uncertain (see Grimaldi *et al.*, 2002).
  3. Classification of fossils according to Grimaldi *et al.* (2002); x/y/z following totals indicating numbers of taxa based on fossil.
  4. Additional seven “subspecies” and two “mutations” have been described, but their status is unclear.
  5. The citation of Bouvier (1904) in this context is incorrect as he did not use the correct spelling of Peripatopsidae in his paper.
  6. Three additional “variations” have been described, which have to be revised as it is unclear whether they represent additional species or not.